

Directorate of Intelligence  
Office of Information Resources

29 January 1987

NOTE TO: D/OIT

After our discussion yesterday, I dug out the draft MOU (attached) to review again. As before I have trouble understanding why we have a disagreement. If SAFE is the model to use, then I think Paragraph 7 is consistent with that model.

The whole idea of an MOU arose in August 1986 because, I believe, there was some concern in OIT, OIR and OSWR regarding responsibilities for operation, access, budget, etc. As far as we could tell the issue of responsibilities was somewhat muddled when [redacted] moved off of the program. The draft MOU, agreed to by lower level people in OIT, OIR and OSWR and by [redacted] is intended to establish those responsibilities.

Perhaps we should discuss again in near future.

[redacted]  
D/OIR

Attachment  
As Stated

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COORDINATION DRAFT

**MEMORANDUM OF UNDERSTANDING**

**SUBJECT: Implementation and Use of Cray Computer System**

Scope

1. This is an agreement between the Office of Information Resources (OIR/DI) and the Office of Information Technology (OIT/DA) to establish responsibility and authority for the procurement, installation, and operation of the Cray Research XMP/24 computer system. This memorandum also describes the method of controlling access to the resources of the Cray system. As used in this agreement, the term "Cray" refers to the XMP/24 CPU, all associated disk drives and peripherals, Cray system software, and any special-purpose equipment unique to the Cray.

Background

2. The Directorate for Intelligence has a requirement for large-scale scientific processing. This need cannot be fulfilled by the use of existing in-house computing resources. Applications are typified by the use of numerically-intensive vector processing techniques; examples include the analysis of the air-flow around aerospace vehicles and the tracking of space systems. Funding is available for the procurement of a Cray Research computer system on a five-year Lease-to-Purchase arrangement beginning in FY 1987. A request to negotiate a contract is currently being processed by Procurement Division, OL, with the award projected for FY 1987. System delivery will be to a Headquarters-complex OIT computer center.

Agreement

**A. Project Management:**

3. OIR/DI will provide a project manager for the implementation of the Cray system. This individual will coordinate all aspects of the project and will exercise Contracting Officer's Technical Representative (COTR) authority for all contract actions. The project manager will hold a monthly status meeting with representatives from OIR/DI, OSWR/DI and OIT/DA to review project progress.

**B. Installation:**

4. OIT/DA will manage, in coordination with the project manager, the installation of the Cray in an OIT facility. Specific responsibilities include site planning and preparation and overseeing the delivery and physical placement of the computer.

**C. Operation:**

5. OIT/DA will operate the Cray computer. Specific responsibilities include providing trained operators, preparing and housing back-up copies of data stored on the dedicated Cray storage devices, maintaining procedure manuals and system logs, identifying and reporting system

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problems to the vendor, computing system usage and performance, and providing appropriate space for the on-site Cray Research support staff.

6. The DI will fund the costs of the on-site Cray Research staff. The DI will also fund the costs of systems-level software, such as site licenses, program products, and operating systems programs. OIT/DA will support systems-level Cray software (such as operating systems, compilers, graphic interfaces and utilities), with in-house personnel. If contract programmers are needed to support systems-level Cray software, the required funding will be provided by the DI. The DI will provide ADP systems personnel and funds to purchase, develop, modify and maintain applications-level Cray software. OIT/DA will assist the DI, as requested, with applications-level software tasks.

**D. Computing Access:**

7. The Cray computer will be a special-purpose computing resource operated by OIT on behalf of the Agency. The major user of the system will be the Office of Scientific and Weapons Research, DI. A panel will be established by the DI to review, validate, and approve all applications for the Cray. This panel will be chaired by OIR/DI and will include representatives from OSWR/DI and OIT/DA.

**E. Configuration:**

8. OIT/DA will provide physical and program links between the Cray and the  VM network. VM will be used as the "gate-way" to the Cray, and will support job activation, data entry, security controls, job monitoring, and terminal-Cray communications. The MVS system will be used for high band-width data transfer and file support. These links will limit access to the Cray to those users/applications approved by the DI applications review panel. OIR/DI will provide funding for any contract work or purchases required by OIT/DA to install such connections.

**F. Planning and Budget**

9. OIR/DI will develop and defend Cray-related program budget requests throughout the life of the system. Funds required to operate, maintain, and enhance the system will be transferred to OIT/DA as required.

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Director of Information Resources

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Date

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Director of Information Technology

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Date